

FORM PTO-1449 (modified)  
REV. 7.801U.S. Department of Commerce  
PATENT AND TRADEMARK OFFICEAttorney Docket No.  
15.39/5752Serial No.  
09/818,743**INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

Applicant:  
MATSUMOTOFiling Date  
3/27/01Group  
2812**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number								Date	Name	Class	Sub-Class	Filing Date if Appropriate
AC	6	1	0	7	1	8	2	8/22/00	Asahina et al.				
	5	5	2	3	2	5	9	6/4/96	Merchant et al.				
	6	2	6	8	2	9	0	7/31/01	Taguchi et al.				5/27/94
	5	9	1	8	1	4	9	6/29/99	Besser et al.				
	6	4	4	5	0	0	1	9/3/02	Yoshida				6/6/97
	6	4	3	6	8	1	3	8/20/02	Oikawa et al.				3/21/00
AC	4	8	2	4	8	0	3	4/25/89	Us et al.				

Examiner

Date Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Sub-Class	Translation	
						Yes	No
Ac	10- 2 3 3 4 4 3	2Sep98	Japan			abst. + computer	
	07- 0 7 8 8 2 1	20Mar95	Japan			abst. + computer	
	09- 0 9 2 7 1 7	4Apr97	Japan			abst. + computer	
	59- 0 3 2 1 4 3	21Feb84	Japan			abst.	
	03- 2 2 7 5 4 0	8Oct91	Japan			abst.	
	11- 1 4 5 1 3 4	28May99	Japan			abst. + computer	
Ac	2000- 1 0 0 8 1 6	7Apr00	Japan			abst. + computer	

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

Ac	Notice of Reasons of Rejection for Japanese Patent Application No. 2000-086607 (from which priority is claimed in U.S. Serial No. 09/818,743), which lists JP10-233443, JP07-078821, JP09-092717, JP59-032143, JP03-227540, JP11-145134 and JP2000-100816.
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Examiner

Date Considered

12/15/03

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						Yes	No
Ac	11- 1 4 5 1 3 4	28May99	Japan			abst. + computer	
	11- 3 1 7 4 5 2	16Nov99	Japan			abst. + computer	
	11- 1 2 1 4 5 8	30Apr99	Japan			abst. + computer	
	06- 0 0 5 6 5 3	14Jan94	Japan			abst. + computer	
	2000- 1 8 8 3 3 3	4Jul00	Japan			abst. + computer	
AG	11- 0 7 4 3 5 2	16Mar99	Japan			abst. + computer	

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

Ac	Notice of Reasons of Rejection for Japanese Patent Application No. 2000-086607 (from which priority is claimed in U.S. Serial No. 09/818,743), dated June 10, 2003, which lists JP11-145134, JP11-317452, JP11-121458, JP06-005653 and JP2000-188333.
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**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Sub-Class	Translation	
						Yes	No
AC	59- 1 7 2 7 4 5	29Oct84	Japan			abst. + partial	
AC	11- 3 1 7 4 5 3	16Nov99	Japan			abst.	

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

AC	Notice of Reasons of Rejection for Japanese Patent Application No. 2000-086608 (from which priority is claimed in U.S. Serial No. 09/817,935), dated March 18, 2003, which lists JP10-233443 and JP59-172745.
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